

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is a new utility patent application of: **Mao-Jen CHEN**

Title of Invention: **METHOD OF USING BIPOLAR JUNCTION TRANSISTOR AS LOCAL OSCILLATOR IN A SATELLITE DOWN CONVERTER TO ELIMINATE SECOND AND THIRD HARMONIC INTERFERENCE BETWEEN LOCAL OSCILLATORS**

Enclosed are:

A specification and 1 claim.

One (1) sheet of formal drawings (Figs. 1-1).

A Combined Declaration and Power of Attorney

Verified statement to establish **SMALL** Entity Status under 37 CFR § 1.9 and 37 CFR § 1.27.


Assignment to: **Prime Electronics & Statellites Inc.**

The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA	<u>SMALL</u>		<u>LARGE</u>	
			<u>ENTITY</u>		<u>ENTITY</u>	
			<u>RATE</u>	<u>FEE</u>	<u>RATE</u>	<u>FEE</u>
BASIC FEE			<u>\$355.00</u>		<u>\$710.00</u>	
TOTAL CLAIMS	1 - 20	=	\$ 9.		\$18.	
INDEP CLAIMS	1 - 3	=	\$ 40.		\$80.	
MULTIPLE DEPENDENT CLAIMS			<u>\$135.</u>		<u>\$270.</u>	
TOTAL			<u>\$355.00</u>		<u>\$</u>	

- X A check in the amount of **\$395.00** to cover the government filing fee and the assignment recording fee is enclosed.
- X The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to **Deposit Account No. 501874.**

Date: August 14, 2001


Bruce H. Troxell
Registration No. 26,592

DOUGHERTY & TROXELL
5205 LEESBURG PIKE, SUITE 1404
FALLS CHURCH, VIRGINIA 22041
TELEPHONE: (703) 575-2711
FACSIMILE: (703) 575-2707

08/14/01
J1003 U.S. PTO

J1017 U.S. PTO
09/28/01
08/14/01